

Chicken Protein Kinase C Theta ELISA Kit | PKCq elisa kit

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CATALOG #
AAA94408

REACTIVITY
Chicken

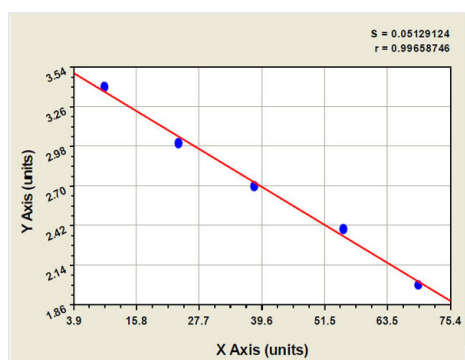
PRODUCT SYNONYMS

Protein Kinase C Theta; Chicken Protein Kinase C Theta ELISA Kit; PKCq elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PKCq ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PKCq. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKCq elisa kit

Principle of the assay: PKCq ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKCq antibody and an PKCq-HRP conjugate. The assay sample and buffer are incubated together with PKCq-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PKCq concentration since PKCq from samples and PKCq-HRP conjugate compete for the anti-PKCq antibody binding site. Since the number of sites is limited, as more sites are occupied by PKCq from the sample, fewer sites are left to bind PKCq-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKCq concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PKCq elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453976
NCBI GeneID	5588
NCBI Accession #	NP_006248.1
NCBI GenBank Nucleotide #	NM_006257.3
UniProt Accession #	Q04759; Q14DH6; Q3MJF1; Q64FY5; Q9H508; Q9H549
Molecular Weight	81,865 Da
NCBI Official Full Name	protein kinase C theta type isoform 1
NCBI Official Synonym Full Names	protein kinase C, theta
NCBI Official Symbol	PRKCQ
NCBI Official Synonym Symbols	PRKCT; nPKC-theta
NCBI Protein Information	protein kinase C theta type
UniProt Protein Name	Protein kinase C theta type
UniProt Gene Name	PRKCQ
UniProt Synonym Gene Names	PRKCT
UniProt Entry Name	KPCT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pkcq-chicken-elisa-kits/protein-kinase-c-theta/94408>